

Aptitude

In each of the following questions, there is a certain relationship between given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Find the correct alternative (Q 1 to 5)

1. Mango: Fruit :: Potato:?
a. Root b. fruit c. stem* d. flower
2. Cricket: Bat :: Hokey:?
a. Field b. stick* c. player d. ball
3. Commodore: Navy :: Brigadier:?
a. Captain b. Commander c. Air force d. Army*
4. Good: Bad :: Virtue:?
a. Blame b. sin c. despair d. Vice*
5. Girl: Beautiful:: Boy:?
a. Smart b. heroic c. courageous d. Handsome*

Following questions consists of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words printed in bold (Q 6 to 10)

6. War: Destruction
a. Fire: Burn* b. Court: Justice
c. Water: Drown d. Food: Hunger
7. Yen: Currency
a. Brass: Metal b. Flower: Fragrance
c. Paper: Book d. Karnataka: State*
8. Termite: Wood
a. Neem: Cotton b. Fibre: Jute
c. Thread: Cloth d. Moth: Wool*
9. Large: Enormous
a. Big: Small b. Plump: Fat
c. Less: Greater d. Regal: Royal *
10. Proscenium: Stage
a. Lamp: Table b. Linen: Bed

c. Portico: House* d. Compass: Needle

In the following questions four words have been given, choose the word which is least like the other three words in the group (Q 11 to 15)

11. Pear b. Apple c. Orange* d. Guava
12. Feather* b. Tentacle c. Pseudopodia d. Flagella
13. a. Tortoise b. Snake c. Lizard d. Whale*
14. a. Actor b. Poet* c. Musician d. Dancer
15. a. Engineer b. Architect c. Mason* d. Mechanic
16. Find the square root of 0.020736
a. 1.44 b. 0.144* c. 0.244 d. 0.424
17. 5 persons can earn Rs.630.00 in 12 days. In how many days 4 persons may earn Rs.112.00?
a. 8* b. 6 c. 4 d. none
18. If a man walks 5 km per hour, how long he will go in 5 minutes?
a. b. 315.67 b. 416.67 m* c. 600m d. 700m
19. 25 persons can repair a 115m long road in one day, if 55 persons are engaged how much they will be able to repair?
a. 523m b. 532m c. 253m* d. 333m
20. A clock strikes once at 1 o'clock, twice at 2 o'clock, thrice at 3 o'clock. How many times it will strike in a day?
a.144 b.156* c.288 d.300
21. Find the missing number
16 2 ,6 ,14 ,__
a. 15 b. 20 c. 18 d. 30*
22. Divide 3.75 by 0.75
a. .0005 b.0.5 C.5* D.0.8
23. If $\frac{3}{16}$ of a tank is filled in 15 minutes, the rest of the tank can be filled in
a. 45 min b. 50 min c. 60 min d.65 min*
24. Look at the series, 8, 6, 16, 12, 24, 18, __, what number should fall in the blank?
a. 34 b. 32* c. 17 d. 8

25. Look at the series, 0.15, 0.30, $_$, 1.20, 2.40, what number should fall in the blank?
 a. 0.8 b. 0.45 c. 0.60* d. 1.00
26. If fare for a tour of a travel agency gets increased by 25% then number of customer gets reduced by 40%. Calculate the profit or loss percentage of the agency
 A) 50% profit B) 10% loss
 C) 30% profit D) 25% loss*

27. A two digit number is such that the product of the digits is 24; if 45 is added to the number then the digits are reversed. The number is

- A) 43 B) 38* C) 25 D) 69

28. In the new budget if the price of rice rose by 25% then by how much percent must a person reduce his consumption so that his expenditure on it does not increase?

- A) 20% * B) 35% C) 50% D) 15%

29. If you buy a book for Rs. 80.50/- and sell it for Rs. 85.00/-, then find the gain percent

- A) 2% B) 12% C) 5.6% * D) 8.5%

30. Find C.P when S.P is Rs. 62/- and loss = 12%

- A) 58% B) 45% C) 48.9% D) 70.45%*

31. 18 school students are to be divided into two groups X and Y of 10 and 8 students. The average percent marks obtained by the students of group X is 65 and the average percent marks of all the 18 students is 80. What is the average mark of the students of group Y?

- A) 89% B) 98.75% * C) 80% D) 99.45%

32. The average age of the Father and his three children is 15 years which is reduced by 6 years if the age of the father is excluded. How old is father?

- A) 33 years* B) 25 years C) 40 years D) 39 years

33. A room is 24 feet long and 15 feet broad. A mat has to be placed on the floor on this room leaving $3/2$ feet space from the walls. What will be the cost of the mat at the rate of Rs. 3.50/- per square feet?

- A) RS. 1024/- B) Rs. 678/- C) Rs. 882/-* D) Rs. 1200/-

34. A **Tiebreaker** is an additional period of play used to establish a winner among tied contestants. Find which situation below is the best example of Tiebreaker.

- a. Team A and Team B have each scored 2 goals in the game.

47. Topographical maps of India are prepared by

- a. Geological Survey of India
- b. Geographical Survey of India
- c. Survey of India*
- d. Defense Ministry

48. Which of the following writs literally means 'what is your authority?'

- a. Habeas Corpus
- b. Certiorari
- c. Quo Warranto*
- d. none

49. The border line between Tibet and India is

- a. Panchaseel line
- b. Samjuta line
- c. McMohan line*
- d. None

50. 'Ever Onward' the motto of the Asian Games Federation was given by

- a. Mahatma Gandhi
- b. Rabindranath Tagore
- c. Pt. Jawaharlal Nehru*
- d. C. Rajagopalach

51. The disease 'meningitis' affects

- a. Liver
- b. Lungs
- c. Brain*
- d. Bones

52. English education was introduced in India by

- a. Curzon
- b. David Hare
- c. Dalhousie
- d. Macaulay*

53. Mohammad Ghazni attacked India many times mainly to

- a. Plunder the wealth of India*
- b. Spread Islam in India
- c. Established his empire in India
- d. Take famous artisans of India to his court

54. . In which one of the following states there is no reservation for the Scheduled Castes for Lok Sabha

- a. Jammu and Kashmir*
- b. Arunachal Pradesh
- c. Meghalaya
- d. All of above

55. The first state to have prepared its Human Development Report and released by Amartya Sen

- a. West Bengal
- b. Kerala
- c. Andhra Pradesh*
- d. Delhi

56. Right to Information Act came into force on
- a. 12 October 2001
 - b. 12 October 2005*
 - c. 1 January 1957
 - d. none of the mentioned
57. Which one of the following Prime Ministers never attended the Parliament during his tenure
- a. Atal Behari Vajpayee
 - b. Chandra Shekhar
 - c. VP Singh
 - d. Choudhary Charan Singh*
58. National Science Day is celebrated in the memory of
- a. Birthday of C. V Raman
 - b. Day of discovery by C. V Raman*
 - c. Birthday of Satyen Bose
 - d. none
59. With which Pakistani President the 'Simla Agreement' was signed by India
- a. Ayub Khan*
 - b. Z.A. Bhutto
 - c. Shaukat Aziz
 - D) none
60. Which Countries is the largest producer of tobacco
- a. China*
 - b. India
 - c. Brazil
 - d. USA
61. Salim Ali was the great
- a. Ornithologist*
 - b. Herpetologist
 - c. Geologist
 - d. None
62. Main constituent of bone and teeth is
- a. Calcium carbonate
 - b. Calcium sulphate
 - c. Calcium nitrate
 - d. Calcium phosphate*
63. Atmospheric nitrogen is fixed in soil by the plant
- a. Cotton
 - b. Paddy
 - c. Sugarcane
 - d. Pulses*
64. Chemical name of quartz is
- a. Calcium oxide
 - b. Sodium silicate*
 - c. Sodium phosphate
 - d. Calcium phosphate
65. Pick out the correct matching
- a. Sodium bicarbonate --- washing soda
 - b. Calcium carbonate ---baking powder
 - c. Calcium hypochlorite--- bleaching powder*

- d. Sodium carbonate – chalk
66. WHO was established in the year
(A) 1948* (B) 1950 (C) 1952 (D) 1957
67. Amongst the following which one has the highest population
a. Malaysia b. Vietnam* c. Indonesia d. Cambodia
68. India won silver in the 1900 Olympic in the event
a. Hockey b. Weightlifting c. Hurdles* d. Boxing
69. Judaism is worshiped in
a. Temple b. Church c. Monastery d. Synagogue*
70. Which of the following is known as the play ground of Europe?
a. Italy b. Switzerland* c. France d. Germany
71. Which of the following is known as the play ground of Europe?
a. Italy b. Switzerland* c. France d. Germany
72. The latest official language of UN is
a. Chinese b. Arabic* c. Spanish d. Russian
73. Who said 'Every human being- man woman is born equal, and he or she shall have equal opportunities of development- that should be our dictum.'
a. Netaji Subhas Chandra Bose* b. Swami Vivekananda
c. Rishi Aravindo d. Mahatma Gandhi
74. Halley's Comet is visible to the unaided eyes at every
a. 74 years b. 76 years* c. 78 years d. 80 years
75. Muhammad Yunus won the Noble Prize for
a. Economics b. Literature c. Peace* d. History
76. World's biggest epic is
a. The Ramayana b. The Mahabharata* c. Veda d. Odyssey

77. In Hindusthani music “Gwalior Gharana” started in the reign of

- a. Akbar* b. Jahangir c. Shahjahan d. Humayun

78. Sachin Tendulkar completed his 35 century in the test against Sri Lanka in New Delhi beating Sunil Gavaskar’s record in the year

- a. 2005* b. 2004 c. 2006 d. 2007

79. Who wrote the story on which the film ‘Lagaan’ is based

- a. Gowarikar* b. Gulzar c. Arundhuti Roy d. R.K. Narayana

80. Laughing gas is

- a. N_2O * b. NO_2 c. N_2O_2 d. N_2O_5

81. C, C++, JAVA are the example of

- a. Commercial computer brands b. Computer’s internal parts
c. Programming languages* d. Secondary memory devices

82. . Official language of the state of Jammu & Kashmir is

- a. Hindi b. Urdu* c. Kashmiri d. English

83. World’s first radio telescope satellite was launched by

- a. Japan* b. China c. USA d. Russia

84. World’s biggest museum is situated in

- a. New York* b. London c. Kolkata d. Montreal

85. What is the earlier name of United Arab Republic

- a. Saudi Arabia b. Egypt* c. Mesopotamia d. Mecca

86. Which the personality is not related with the instrumental music

- a. Nikhil Banerjee b. Pandit Jasraj*
c. Kumar Bose d. Ustad Bindu Khan

87. Write the name of first female recipient of ‘Bharitya Jyanpith Award’

- a. Mahashweta Devi b. Ashapoorna Devi*

c. Anita Desai d. Amrita Pritam

88. Diamond is chemically composed of

a. Pure Silicon b. Pure Carbon*

c. Mixture of Carbon & Silicon d. none

89. NABARD was set up in

a. 1979 b. 1980*

c. 1982 d. 1981

90. In which River Bhakra-Nangal project is situated

a. Tungabhadra b. Sutlej*

c. Beas d. Ravi

91. Which gas of the atmosphere absorbs ultra violet rays

a. Nitrogen b. Ozone*

c. Helium d. Methane

92. Lotus Temple in Delhi is concerned with the religion

a. Hindu b. Buddhist c. Jain d. Bahai*

93. What is measured in Richter Scale

a. Earth-quake* b. Wind Velocity c. Depth of Sea d. Heat

94. The Vice-President of India is elected by

a. The members of Rajya Sabha

b. An Electoral Collage consisting of the members of Lok Sabha and Rajya Sabha*

c. Members of Parliament and State legislative Assemblies

d. The members of Loksabha alone

95. Which of the political leaders successfully held the office of Chief Minister, Speaker of Lok Sabha and President of India

a. Giani Zali Singh

- b. Fakhruddin Ahmad
- c. Neelam Sanjiva Reddy*
- d. None of these

96. In the month of January 2013 a communal clash occurred in Maharashtra that left five death and 200 injured. In which of the following towns the incident happened?

- a. Dhule*
- b. Thane
- c. Nashik
- d. none

97. Maharashtra is bordered by

- a. Gujarat, Madhya Pradesh, Chhattisgarh, Andhra Pradesh, Karnataka, Goa*
- b. Gujarat, Madhya Pradesh, Chhattisgarh, Karnataka, Goa
- c. Gujarat, Chhattisgarh, Andhra Pradesh, Karnataka, Goa
- d. Gujarat, Madhya Pradesh, Chhattisgarh, Andhra Pradesh

98. The state of Maharashtra is

- a. the largest state by area in India
- b. the second largest state by area in India
- c. third largest state by area in India.
- d. None of the mentioned

99. The home of Goddess Ambabai is

- a. Aurangabad
- b. Nanded
- c. Pune
- d. Kolhapur *

100. The city of Oranges is

- a. Nashik
- b. Aurangabad
- c. Ahmednagar
- d. Nagpur*

Answer Key

Q. No.	SET	25	C	51	C	77	A
SL. NO	(A)	26	D	52	D	78	A
1	C	27	B	53	A	79	A
2	B	28	A	54	A	80	A
3	D	29	C	55	C	81	C
4	D	30	D	56	B	82	B
5	D	31	B	57	D	83	A
6	A	32	A	58	B	84	A
7	D	33	C	59	A	85	B
8	D	34	C	60	A	86	B
9	D	35	B	61	A	87	B
10	C	36	B	62	D	88	B
11	C	37	D	63	D	89	B
12	A	38	C	64	B	90	B
13	D	39	B	65	D	91	B
14	B	40	A	66	A	92	D
15	C	41	C	67	B	93	A
16	B	42	B	68	C	94	B
17	A	43	B	69	D	95	C
18	B	44	B	70	B	96	A
19	C	45	B	71	C	97	A
20	B	46	B	72	B	98	C
21	D	47	C	73	A	99	D
22	C	48	C	74	B	100	D
23	D	49	C	75	C		
24	B	50	C	76	B		

